# BASIC ELECTRICAL ENGINEERING COURSE PATENT PRESENTATION

Presented by

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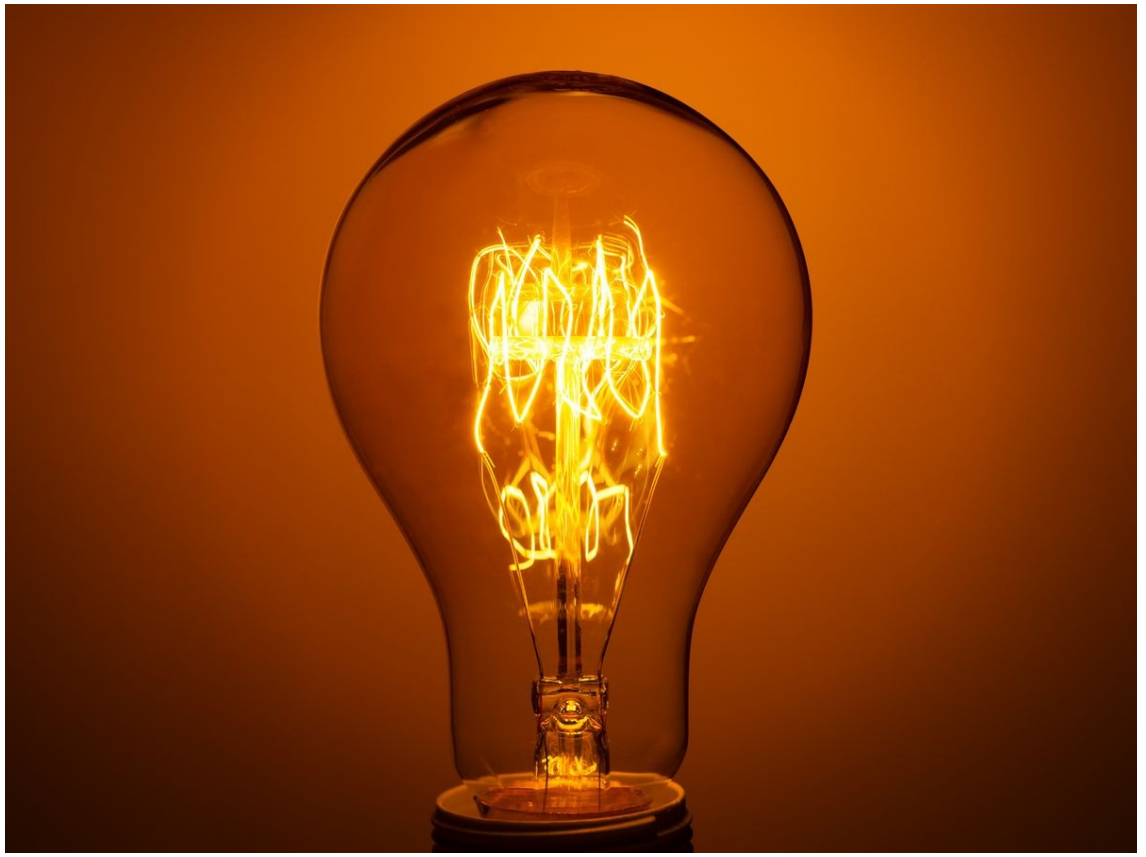
B23IT117

# Invention of Incandescant Bulb

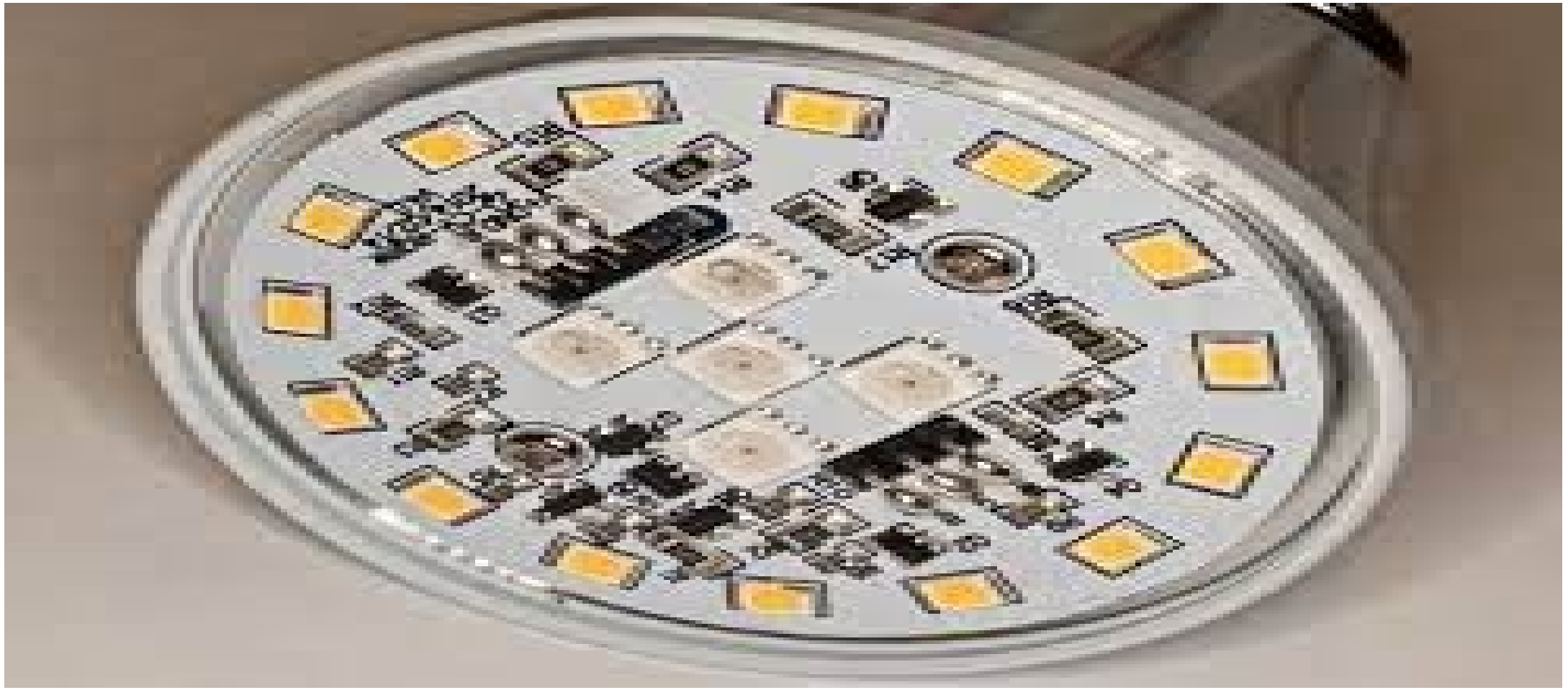


# Drawbacks of Incandescent bulbs

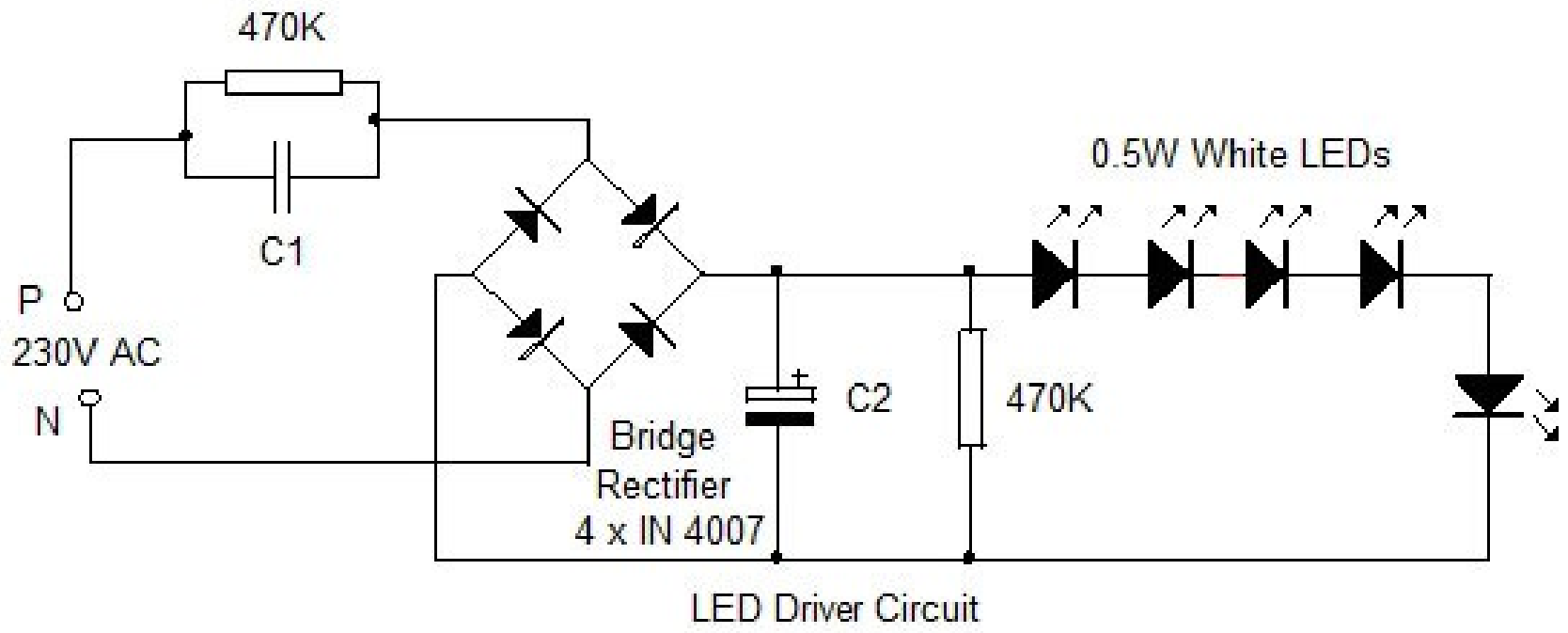
- Short life span
- Not energy efficient
- Slow to reach full brightness

# Invention of the Light emitting diode - LED

# Insides of an LED



# Circuit of an LED at 230V



# The Patent – LED Bulb with adjustable light emitting direction

# The actual patent image